

**IES ROAD REPORT**

**PHOTOMETRIC FILENAME : WPL1503 LED1PCS 300MA 20121208.IES**

**DESCRIPTIVE INFORMATION (From Photometric File)**

IESNA:LM-79-08  
[TEST] QC-1762 (TEMPERATURE REPORT NO :QC-019563)  
[TESTLAB] ESCO LIGHTING  
[TESTDATE] 2012-12-08  
[ISSUE DATE] 2012-12-08 16:38:39  
[LAMP POSITION] 0,0  
[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM  
[MANUFAC] ESCO LIGHTING  
[LUMCAT] WPL1503  
[LUMINAIRE] LED1PCS  
[LAMP] CXA-1507 5000K  
[BALLAST] LD-CU3536-05  
[LUMEN PER WATT] 54.05lm/W  
[TEMPERATURE] 25.7°C TEST14:30~~~16:20

**CHARACTERISTICS**

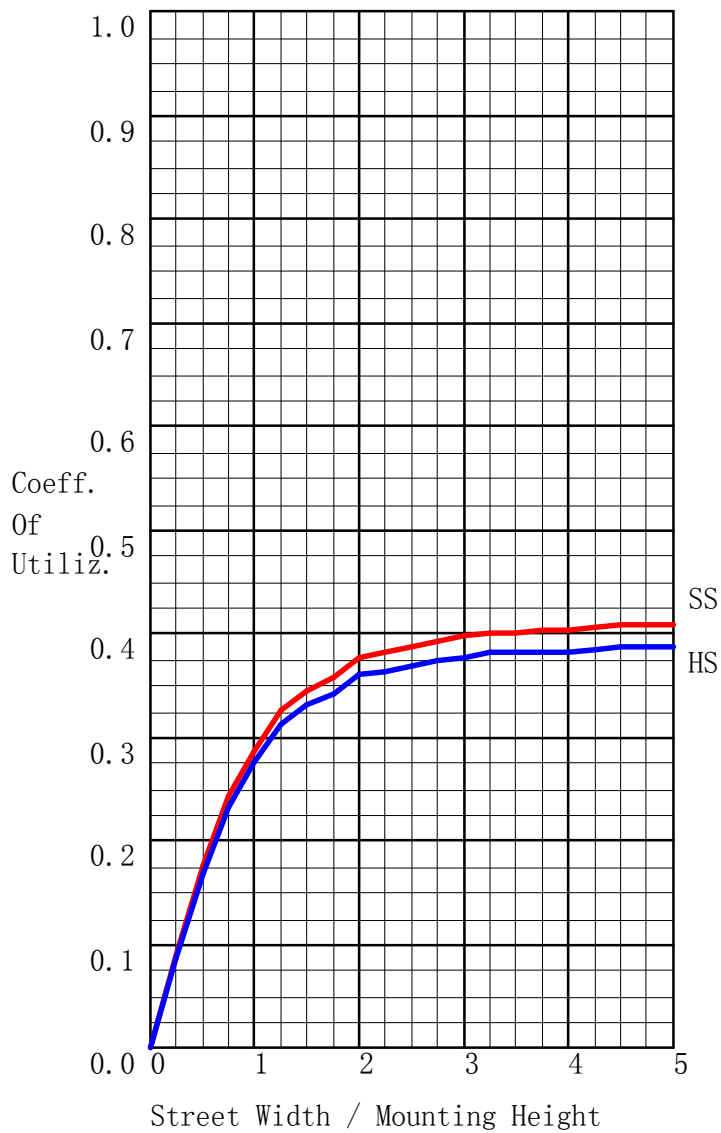
IES Classification	Type III
Longitudinal Classification	Very Short
Lumens Per Lamp	920 (1 lamp)
Total Lamp Lumens	920
Luminaire Lumens	740
Downward Total Efficiency	80 %
Total Luminaire Efficiency	80 %
Luminaire Efficacy Rating (LER)	25
Total Luminaire Watts	13.7
Ballast Factor	0.47
Upward Waste Light Ratio	0.00
Maximum Candela	242.35
Maximum Candela Angle	180H 25V
Maximum Candela (<90 Degrees Vertical)	242.35
Maximum Candela Angle (<90 Degrees Vertical)	180H 25V
Maximum Candela At 90 Degrees Vertical	3.07 (0.3% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	37.41 (4.1% Lamp Lumens)
Cutoff Classification (deprecated)	Cutoff



**IES ROAD REPORT****PHOTOMETRIC FILENAME : WPL1503 LED1PCS 300MA 20121208.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	95.1	10.3	12.8
FM - Front-Medium (30-60)	199.0	21.6	26.9
FH - Front-High (60-80)	79.4	8.6	10.7
FVH - Front-Very High (80-90)	8.0	0.9	1.1
BL - Back-Low (0-30)	92.9	10.1	12.5
BM - Back-Medium (30-60)	189.9	20.6	25.6
BH - Back-High (60-80)	71.1	7.7	9.6
BVH - Back-Very High (80-90)	4.9	0.5	0.7
UL - Uplight-Low (90-100)	0.2	0.0	0.0
UH - Uplight-High (100-180)	< 0.05	0.0	0.0
Total	740.5	80.3	100.0
BUG Rating	B0-U1-G0		

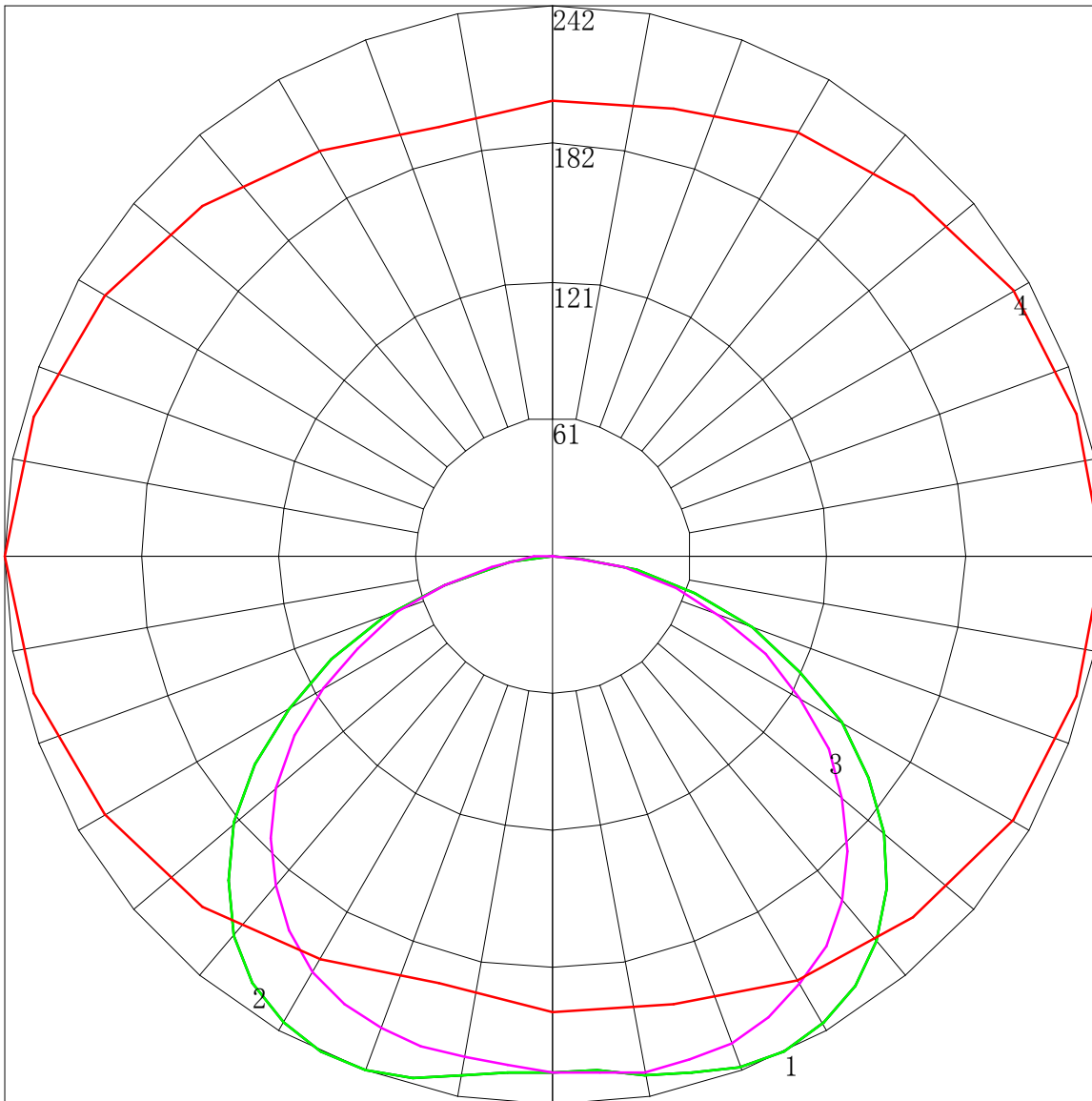
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

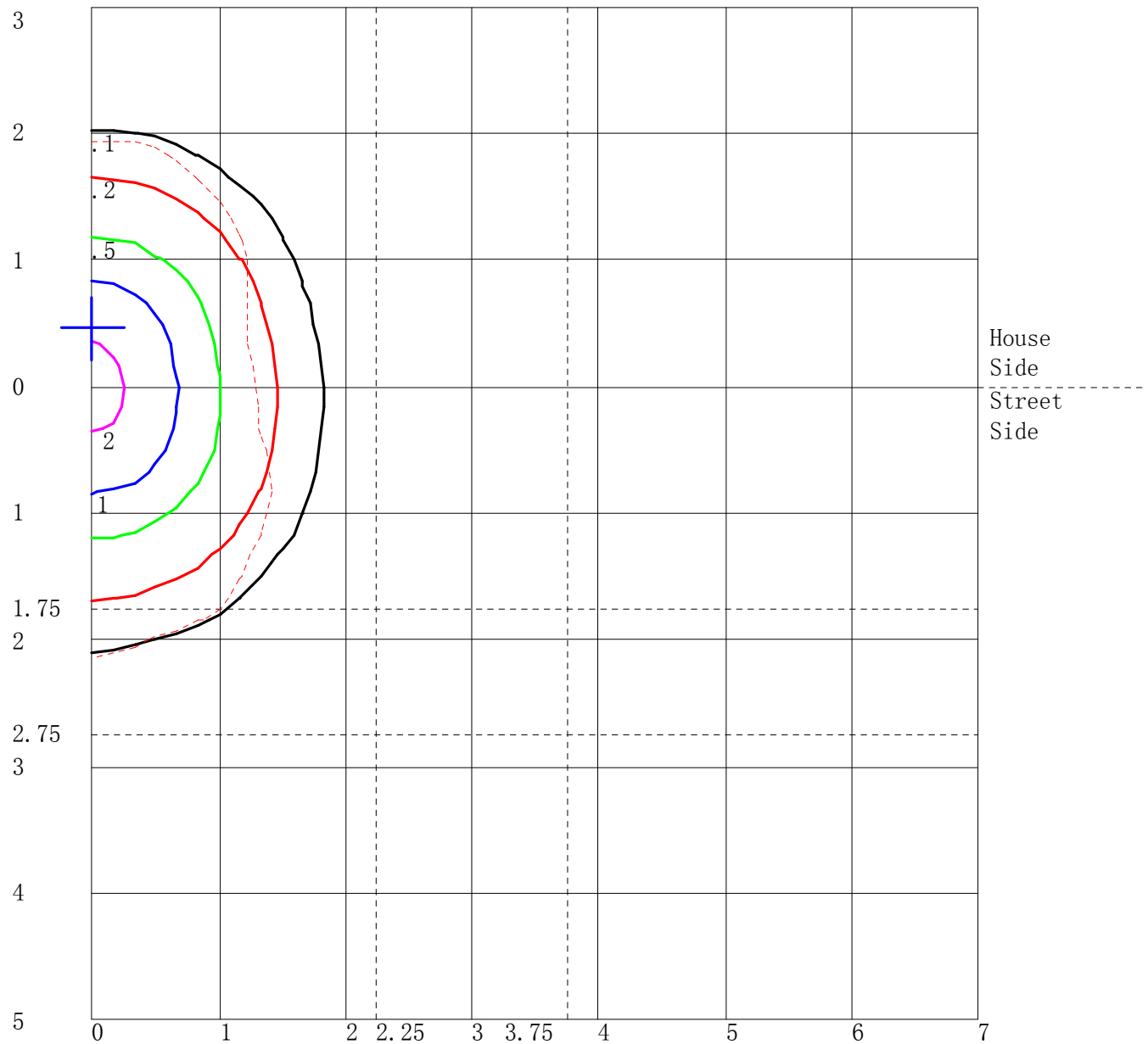
	Lumens	Percent Of Lamp
Downward Street Side	381.4	41.5
Downward House Side	358.8	39.0
Downward Total	740.2	80.5
Upward Street Side	0.1	0.0
Upward House Side	0.1	0.0
Upward Total	0.2	0.0
<b>Total Flux</b>	<b>740.4</b>	<b>80.5</b>

POLAR GRAPH



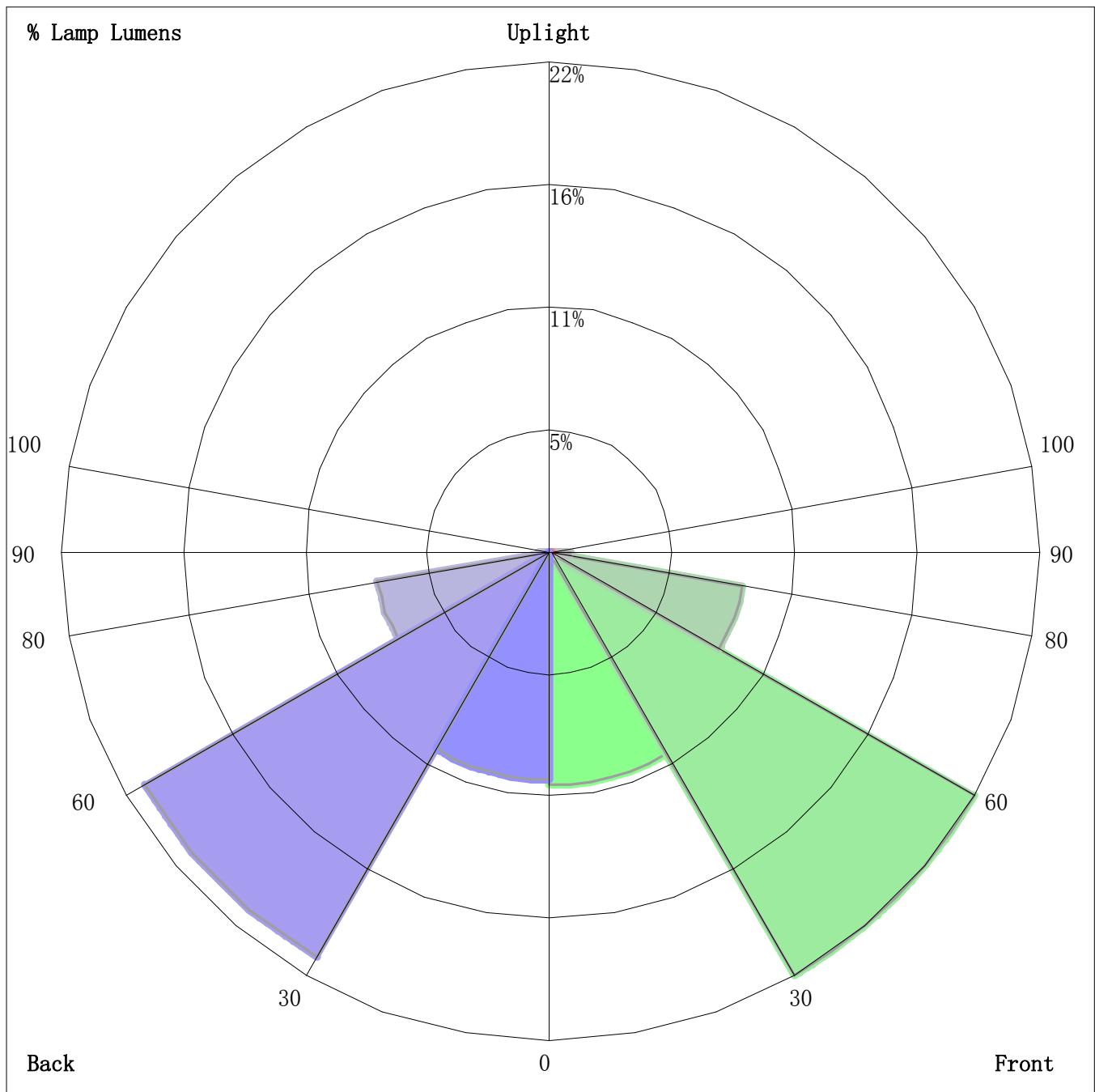
Maximum Candela = 242.35 Located At Horizontal Angle = 180, Vertical Angle = 25  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180)  
# 2 - Vertical Plane Through Horizontal Angles (180 - 0)  
# 3 - Vertical Plane Through Horizontal Angles (45 - 225)  
# 4 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 10 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Lamp Lumens:  
Front: Low=10.3%, Medium=21.6%, High=8.6%, Very High=0.9%  
Back: Low=10.1%, Medium=20.6%, High=7.7%, Very High=0.5%  
Uplight: Low=0.0%, High=0.0%

BUG Rating : B0-U1-G0